

**ASCLD/LAB-*International***

**STATEMENT OF QUALIFICATIONS**

<b>Name</b>	David L. Rubio	<b>Date</b>	03-03-2014
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<b>Laboratory</b>	Scientific Crime Detection Laboratory
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<b>Job Title</b>	Forensic Scientist 1
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**Indicate all disciplines in which you do casework:**

<input type="checkbox"/>	<b>Drug Chemistry</b>	<input type="checkbox"/>	<b>Toxicology</b>
<input type="checkbox"/>	<b>Firearms/Toolmarks</b>	<input type="checkbox"/>	<b>Biology</b>
<input type="checkbox"/>	<b>Trace Evidence</b>	<input type="checkbox"/>	<b>Questioned Documents</b>
<input type="checkbox"/>	<b>Latent Prints</b>	<input checked="" type="checkbox"/>	<b>Crime Scene</b>
<input type="checkbox"/>	<b>Digital &amp; Multimedia Evidence</b>		

**List all category(ies) of testing in which you do casework:**

Latent Print Processing Body Fluid Identification
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**Breath Alcohol Calibration Categories**

<input type="checkbox"/>	<b>Toxicology</b> - Breath Alcohol Measuring Instruments (The work of the laboratory MUST include calibration certificates- do not check the box if work is limited to breath/alcohol testing)
<input type="checkbox"/>	<b>Toxicology</b> - Breath Alcohol Calibration Reference Material

**Education:** List all higher academic institutions attended (list high school only if no college degree has been attained)

Institution	Dates Attended	Major	Degree Completed
California State University, Fresno, California	9/69-6/72	Zoology	n/a
University of Southern California	6/72-6/76	Dentistry	Doctor of Dental Surgery
National University	8/87-5/88	Education	Teaching Credential, Secondary Level

**Other Training:** List continuing education, workshops, in-service and other formal training received. Please include the course title, source and date of the training.

<p>The Science of Fingerprints, West Virginia University Continuing Education and Professional Education, November 04, 2013 (20 hrs)</p> <p>Digital Crime Scene Photography Training, Forensic Training Foundation, John Williams and Kerri McClary, given at Anchorage Police Department Training Center August 26-30, 2013 (40 hrs)</p> <p>Tire Impresson Evidence, Jim Wolfe, APSC Trainer, Alaska State Crime Lab, April 25, 2013 (7 hrs)</p> <p>Latent Print Processing, January, 2013-April, 2013; Alaska State Scientific Crime Detection Laboratory</p> <p>Methods of Instruction, Amanda Fisher, APSC Instructor, Alaska State Crime Lab, April 8-12, 2013 (40 hrs)</p>
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Crime Scene Investigation, West Virginia University Extended Learning, 04/08/13 (30 hrs)

Breath Test Supervisor Certification, Nita Bolz, Scientific Director, Alaska Statewide Breath Test Program, 03/21/13 (22 hrs)

Drugs in Alaska, Alaska State Crime Laboratory, 03/14/13 (7hrs)

Fundamentals of Latent Print Examination, West Virginia University Extended Learning, 02/25/13 (32 hrs)

ABC's of Forensic Biology, Alaska State Crime Laboratory, 02/21/13 (8 hrs)

Introduction to Bloodstain Analysis, West Virginia University Extended Learning, 02/11/13 (22hrs)

Forensic Photography, West Virginia University Extended Learning, 02/11/13 (28 hrs)

Documenting and Collecting Snow Impression Evidence, Jim Wolfe, APSC Instructor, 01/17/13 (7 hrs)

Advanced Digital Photography for Law Enforcement, Jim Wolfe, APSC Instructor, 11/17/12 (7 hrs)

Digital Photography for Law Enforcement, Jim Wolfe, APSC Instructor, 10/16/12 (7hrs)

**Courtroom Experience:** List the discipline/category(ies) of testing in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

**Professional Affiliations:** List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

International Association for Identification (IAI)

Omicron Kappa Upsilon Honor Dental Society

**Employment History:** List all scientific or technical positions held, particularly those related to forensic science. List current position first. Be sure to indicate employer and give a brief summary of principal duties and tenure in each position.

<b>Job Title</b>	Forensic Scientist 1	<b>Tenure</b>	02/19/14-Present
<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Process a variety of physical evidence for latent friction ridge detail using chemical and photographic techniques. Ridge detail is developed, documented and digitally preserved for Forensic Scientists to utilize for examination.			
Provide technical support to crime scene investigators and other law enforcement personnel by applying techniques and procedures to the documentation, collection and processing of evidence at crime scenes.			

<b>Job Title</b>	Forensic Technician I	<b>Tenure</b>	10/01/12-02/18/14
<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Process a variety of physical evidence for latent friction ridge detail using chemical and photographic techniques. Ridge detail is developed, documented and digitally preserved for Forensic Scientists to utilize for examination.			
Provide technical support to crime scene investigators and other law enforcement personnel by applying techniques and procedures to the documentation, collection and processing of evidence at crime scenes.			

<b>Job Title</b>	Director of Training and Education	<b>Tenure</b>	12/05-9/10
<b>Employer</b>	Dynamic Dental Group/Toothsmith's Dental Laboratory		
Provide a brief description of principal duties:			

Training Dental Technicians in dental science, materials, lab techniques, and technology. Also, helping present continuing education seminars for dental practitioners and specialists. In addition, I helped dentists and oral surgeons "trouble-shoot" some of their cases that they had our lab design and fabricate for them and their patients. This at times involved my involvement with their patients to hear their concerns so that we at the lab could address their needs and expectations.

<b>Job Title</b>	General Dentist	<b>Tenure</b>	12/93-6/04
<b>Employer</b>	Douglas Gray, DDS		
Provide a brief description of principal duties:			
I practiced as a general dentist			

<b>Job Title</b>	Educator	<b>Tenure</b>	9/88-6/93
<b>Employer</b>	Fresno Unified School District		
Provide a brief description of principal duties:			
I was a science teacher in general, physical, life science, and health science at the secondary level			

**Other Qualifications:** List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.  
(Use additional sheets if necessary.)

Law Enforcement Training was given to law enforcement officers at Juneau Police Department on:

2/12/14 and on 2/27/14 a course entitled , "Physical Evidence Refresher Course", was presented that included lectures, PowerPoint presentations, demonstrations, and hands-on training activities in crime scene photography, biological evidence collection, latent print and shoe impression recovery using gel lifts, black and magnetic powder. Evidence packaging and labeling was also covered in detail. Each day of instruction was approximately 8 hours in length for a total of 16 hours of instruction and activities.

2/13/14 an "Advanced Physical Evidence Refresher Course" was presented to crime scene investigators. The course content included lectures, PowerPoint presentations, demonstrations and hands-on activities in the use of and photography of Blustar and Leucocrystal Violet; the Alternate Light Source (ALS), and shoe impressions in snow. Also, instruction and demonstration of the use of the cyanoacrylate unit in the lab and the use of Ninhydrin was performed. Participants also were instructed and given hands-on experience in the use of Hemastix as a presumptive test for blood; as well as, a demonstration on the use of the OBTI test for species-specific/human blood. A demonstration of the application of sulfur cement to cast a shoe impression in the snow was also given. The use of gel lifts and dusting powders for latent fingerprint recovery was also performed. The approximate length of instruction and activities was 8 hours.